

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20050253784").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 09:51
S2	2	("20030057859").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 09:51
S3	3	("6710772").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 09:51
S4	0	("siemens.as.").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 09:57
S5	182927	siemens.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/01 09:58
S6	7	siemens.as. and automative.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/01 09:59
S7	2	"20050093775"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/01 10:01
S8	2	("20050035928").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 10:04
S9	2	("20050219270").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 10:05
S10	2	("6166781").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 10:05
S11	2	("5282036").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 10:05

## EAST Search History

S12	0	("EP525527").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 10:10
S13	0	("EP-525527").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 10:10
S14	0	("US6137542").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 10:10
S15	2	("6137542").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 10:10
S16	3	("2002063784").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 10:12
S17	2	("6097368").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 10:18
S18	7518	(345/60,41,37,62,204,98,547, 530).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/01 15:47
S19	22	("5065234"   "5175621"   "5196924"   "5282036"   "5398076"   "5408267"   "5706058").PN. OR ("6166781"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 07:47
S20	13	("4805013"   "4931864"   "5153730"   "5361094"   "5473372"   "5473373"   "5661575"   "5691821"   "5706058"   "5828986"   "6166781"   "6181368"   "6426771").PN. OR ("7190396"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 07:48
S21	19	("5473373").URPN.	USPAT	OR	ON	2007/05/02 07:52
S22	13	("4805013"   "4931864"   "5153730"   "5361094"   "5473372"   "5473373"   "5661575"   "5691821"   "5706058"   "5828986"   "6166781"   "6181368"   "6426771").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 07:53

## EAST Search History

S23	4	("5282036"   "5933199"   "6166781"   "6570611").PN. OR ("7038721").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 08:01
S24	83198	("345").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:07
S25	0	("S000018").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:07
S26	7518	(345/60,41,37,62,204,98,547, 530).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:08
S27	7518	S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/02 08:08
S28	18	S27 and (quantiz\$6 and sub-field and gamma)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/02 08:09
S29	2	("6340994").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:15
S30	2	("5541618").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:16
S31	2	("5661500").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:16
S32	2	("5952782").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:16
S33	3	("6707436").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:21
S34	2	("6788276").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:22

## EAST Search History

S35	2	("6639605").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:23
S36	2	("5,841,413").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:23
S37	11	("20010005186"   "5555000"   "5841413"   "6100863"   "6323880"   "6331843"   "6396508"   "6411268"   "6414657").PN. OR ("6639605"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 08:25
S38	3	"6674446"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 08:26
S39	5	("5841413"   "6396508"   "6456302").PN. OR ("6674446"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 08:28
S40	5	"6625667"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 08:28
S41	21	"6310588"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 08:28
S42	7	"5790095"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 08:29
S43	2	("5790095").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:29
S44	5	("5841413"   "6335735"   "6639605"   "6646625"   "6674446").PN. OR ("6812936"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 08:35
S45	2	("6331843").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:35
S46	2	("20010011973").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:36

## EAST Search History

S47	2	("20020130825").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:36
S48	2	("20030025654").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:36
S49	2	("6985125").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:37
S50	2	("20060050022").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:38
S51	2	("6791516").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:44
S52	2	("6791516").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 08:44
S53	11	("5187578"   "6052112"   "6097358").PN. OR ("6552701"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 08:49
S54	22	("5293159"   "5497172"   "5548301"   "5619228"   "5731802"   "5861869"   "5898414"   "5986640").PN. OR ("6052112").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 08:51
S55	14	("20020018032"   "5051929"   "5245441"   "5502462"   "5581778"   "5596583"   "6052112"   "6097368"   "6100939"   "6333766"   "6340961"   "6661470"   "6717558"   "6850243").PN. OR ("7158155").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 09:03
S56	2	("6097368").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 09:07

## EAST Search History

S57	13	("4805013"   "4931864"   "5153730"   "5361094"   "5473372"   "5473373"   "5661575"   "5691821"   "5706058"   "5828986"   "6166781"   "6181368"   "6426771").PN. OR ("7190396"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 09:17
S58	2	("5661575").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 09:17
S59	5	("6181368").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 09:17
S60	2	("6426771").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 09:41
S61	2	("20020008706").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 09:41
S62	0	("joseph.xa.anddennis.xa.").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 11:33
S63	0	("joseph.xa.").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 11:33
S64	0	joseph.xa. and dennis.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/02 11:34
S65	0	"joseph.xa"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/02 11:34
S66	18743	joseph.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/02 13:15
S67	0	joseph.xa. and dennis.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/02 11:34

## EAST Search History

S68	2	("20030001872").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 13:15
S69	22	("5065234"   "5175621"   "5196924"   "5282036"   "5398076"   "5408267"   "5706058").PN. OR ("6166781"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 14:38
S70	83198	("345").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 15:01
S71	60	S70 and (quantiz\$6 and (subfield sub-field) and gamma)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/03 08:45
S72	2	("20040160455").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 15:06
S73	2	("6288698").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 15:12
S74	2	("6340994").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 15:13
S75	2	("6417835").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 15:20
S76	2	("6421466").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 15:32
S77	2	("6097368").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/02 15:32
S78	2	("20060072193").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/03 08:45

## EAST Search History

S79	22	("5065234"   "5175621"   "5196924"   "5282036"   "5398076"   "5408267"   "5706058").PN. OR ("6166781").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 13:07
S80	2	("7158155").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 08:33
S81	2	("6310658").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 08:33
S82	2	("6853683").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 08:52
S83	2	("5610666").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 08:56
S84	2	("7167153").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 08:56
S85	82768	("345").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/07 09:41
S86	79	S85 and (dequantiz\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/07 11:24
S87	6	S85 and (dequantiz\$2) and (subfield subframe sub-field)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 07:31
S88	0	("20050248503A1").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 08:21
S89	2	("20050248503").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 08:36
S90	2	("5196924").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/08 08:36



## EAST Search History

S91	83415	("345").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 07:39
S92	1	S91 and (dequantiz\$2 near2 second) and (subfield sub-field)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 07:40
S93	1	S91 and (dequantiz\$2 near2 (second another)) and (subfield sub-field)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 07:40
S94	1	S91 and (dequantiz\$4 near4 (second another)) and (subfield sub-field)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 07:41
S95	1	S91 and (dequantiz\$4 near4 (second another two)) and (subfield sub-field)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 07:41
S96	3	S91 and (dequantiz\$4 near4 (second another two))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 08:04
S97	26	S91 and (dequantizers)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/09 08:08
S98	2	S91 and (dequantizers)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/09 08:09
S99	2	("7245773").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 15:46
S10 0	2	("5894526").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/26 15:46
S10 1	8121	(345/60,41,37,62,204,98,547, 530).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/27 10:25
S10 2	8121	S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 10:24

## EAST Search History

S10 3	0	S102 and ((coarse with fine) near4 quantiz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 10:25
S10 4	0	S102 and ((coarse and fine) near4 quantiz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 10:25
S10 5	8762	(345/60,41,37,62,63,204,98,547, 530).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/27 10:25
S10 6	1	S105 and ((coarse with fine) near4 quantiz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 10:26
S10 7	1	S105 and ((coarse with fine) with quantiz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 10:26